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Request of Prof. Axel Hahn, Univ. Oldenburg to TWCWG

Development of chapter for service oriented streaming of S100 data for ENAV21 Working Group

While defining the S100 product specification for the Inter VTS Exchange Format IALA identified the need for exchanging smaller data entities between systems continuously. Additional similar needs are detected in discussion of various services as defined in the Maritime Service Specification. This implies additional data exchange mechanisms additional to file bases data exchange.

IALA made a proposal for an appendix to S100 standard. This appendix specified what should be described by a product specification to define data exchange mechanisms as needed by service oriented system architectures etc.

This appendix was introduced to the IHO S100WG and discussed twice. On the last meeting in Genova IALA was requested to provide a chapter for service oriented / streaming of S100 data for the S100 standard instead of an appendix. S100 WG asked IALA to discuss this also with the TWCWG, since they may have similar requirements.

It is a challenge to align the processes of IALA ENAV and IHO S100 and TWCWG. It was planned to prepare the chapter for the ENAV21 working group until September in preparation of the S100WG meeting in spring 2018.

Therefore we kindly ask TWCWG whether there are interested persons to develop such a new chapter for S100 standard.

Thank you very much
Axel Hahn
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